

07/30/01  
1132 U.S. PRO

07-31-01

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Attorney Docket No. YOR920000679US1

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

J1040 U.S. PRO  
09/918253  
07/30/01

PATENT APPLICATION

"Express Mail" Label No. EL793517434US  
I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

APPLICANT(S): Sheng Ma  
Joseph L. Hellerstein

ASSIGNEE  
NAME: International Business  
Machines Corporation

Date of Deposit: **July 30, 2001**

Signature: Amise A. Glaser

ASSIGNEE  
RESIDENCE: Armonk, New York

TITLE: Systems and Methods for Discovering  
Mutual Dependence Patterns

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Enclosed are the following papers relating to the above-named application for patent:

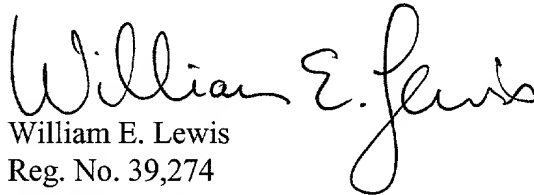
Application - 18 pages of Specification, 7 pages of Claims and 1 page of Abstract  
10 Sheets of informal drawing(s)  
Declaration and Power of Attorney

CLAIMS AS FILED				
	NO. FILED	NO. EXTRA	RATE	CALCULATIONS
Total Claims	38-20 =	18	x \$18 =	\$324
Independent Claims	6-3 =	3	x \$80 =	\$240
Multiple Dependent Claim(s), if applicable			\$270 =	\$0
Basic Fee				\$710
			TOTAL FEE:	\$1274

Please file the application and charge **International Business Machines Corporation Deposit Account No. 50-0510** the amount of \$1274, to cover the filing fee. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **International Business Machines Corporation Deposit Account No. 50-0510** as required to correct the error. Duplicate copies of this letter are enclosed.

Please address all correspondence to: **Ryan, Mason & Lewis, LLP, 90 Forest Avenue, Locust Valley, New York 11560**. Telephone calls should be made to the under-signed attorney at (516) 759-2946.

Respectfully,

A handwritten signature in cursive script that reads "William E. Lewis". The signature is written in dark ink and is positioned above the printed name and title.

William E. Lewis

Reg. No. 39,274

Attorney for Applicant(s)

Ryan, Mason & Lewis, LLP

90 Forest Avenue

Locust Valley, New York 11560

Date: July 30, 2001

11560 Forest Avenue